

**Amendment and Response**

Applicant: Claus Dworski et al.

Serial No.: 10/564,650

Filed: August 7, 2006

Docket No.: I431.144.101/FIN503PCT/US

Title: ELECTRICAL CIRCUIT AND METHOD FOR TESTING ELECTRONIC COMPONENT

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**REMARKS**

The following remarks are made in response to the Non-Final Office Action mailed May 26, 2009. Claims 46 and 54-64 have been withdrawn from consideration. Claims 1-32 have been cancelled. With this Response, claims 33-45 and 47-53 have been amended. Claims 33-45 and 47-53 remain pending in the application and are presented for reconsideration and allowance.

**Specification**

The specification was objected to as allegedly failing to provide antecedent basis for the claimed subject matter, specifically referring to a portion of claim 34. The portion of claim 34 cited in the objection has been deleted, thus overcoming the objection to the specification.

**Drawings**

The drawings were objected to for allegedly failing to show every feature specified in the claims. More specifically, the Office Action states,

“the measuring device ... generate a difference signal by subtracting the reference signal from the test signal” (claim 33) and a control loop circuit (claim 38) must be shown....

Applicants respectfully submit that these elements are illustrated in the drawings as filed. For example, Figure 2 includes the second subtractor 513, which subtracts the reference signal from the test signal. See, specification at p. 13. Figure 2 also illustrates a control circuit 55 including “a control loop circuit with a first subtractor 501, with a first multiplexer 502, with a first adder 503, with a first memory 504, with a second adder 505, with a second memory 506 and with the control element 507.” Specification at p. 11.

As such, Applicants respectfully submit that each claim element is properly illustrated.

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**Claim Objections**

Claims 34-45 were objected to because of informalities. The claims have been amended along the lines suggested in the Office Action and as such, the claim objections are believed to be overcome.

Claims 47-53 were objected to as being in improper form. Claims 47-53 have been amended such that they each include a single reference to a previous claim, thus overcoming the objections.

**Claim Rejections under 35 U.S.C. § 112**

Claims 33-45 were rejected under 35 U.S.C. 112, second paragraph. Specifically, claim 33 was rejected under 35 U.S.C. 112, second paragraph, as allegedly being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. To move the application, the second input has been deleted from claim 33, rendering the rejection moot.

Claims 33, 36-40 and 43-45 were rejected for various elements lacking antecedent basis. These claims have been amended to provide proper antecedents, thus overcoming the rejections.

**Claim Rejections under 35 U.S.C. § 102**

Claims 33-37 were rejected under 35 U.S.C. 102(e) as allegedly being anticipated by Adler et al. (US 6,781,398). Claim 33 has been amended to incorporate the subject matter of original claim 38, which was indicated as including allowable subject matter.

Accordingly, claim 33, as well as claims 34-37 dependent thereon, are believed to be in condition for allowance.

**Allowable Subject Matter**

The Examiner objected to claims 38-45 for being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all limitations of the base claim and any intervening claims.

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As noted above, claim 33 has been amended to incorporate the subject matter of claim 38, effectively placing claim 38 in independent form. Claims 39, 40 and 43 have been amended to place them in independent form. Claims 41, 42 and 44, 45 depend on either claim 40 or claim 43.

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**CONCLUSION**

In view of the above, Applicant respectfully submits that all of the pending claims are in form for allowance. Therefore, reconsideration and withdrawal of the rejections and allowance of the claims are respectfully requested.

No fees are required under 37 C.F.R. 1.16(h)(i). However, if such fees are required, the Patent Office is hereby authorized to charge Deposit Account No. 50-0471.

The Examiner is invited to contact the Applicant's representative at the below-listed telephone numbers to facilitate prosecution of this application.

Any inquiry regarding this Amendment and Response should be directed to Mark L. Gleason at Telephone No. (612) 767-2503, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

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Respectfully submitted,

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